

**Pattern and Polarity: Establishing Difference in Development**  
**The 1996 Graduate Student Symposium**

Friday April 12, 1996

6:00 p.m. - Dinner

7:30 p.m. - Opening remarks

7:40-8:40 p.m. - Keynote Address: Ira Herskowitz, UCSF, San Francisco, CA. *The establishment of polarity*

9:00 p.m.- Reception, Koenig Alumni Center

Saturday, April 13, 1996

8:00-8:30am -Breakfast

**Session I: Cell polarity**

8:30-9:30 a.m.- Richard Losick, Harvard University, Cambridge, MA. *Bacterial cell polarity and sigma factors*

9:30-10:30 a.m. - Daniel Lew, Duke University Medical Center, Durham, NC. *Yeast morphogenesis and the cell cycle*

10:30-10:50 a.m. - Coffee Break

10:50-11:50 a.m. - Joseph Frankel, University of Iowa, Iowa City, IA. *Cellular polarity in ciliates*

11:50-12:50 Lunch

**Session II: Polarity in early embryogenesis**

1:00-2:00 p.m. - Ralph Quatrano, University of North Carolina, Chapel Hill, NC. *The cytoskeleton and control of polarity in Fucus eggs*

2:00- 3:00 p.m. - Kenneth Kemphues, Cornell University, Ithaca, NY. *Genes required for establishment of polarity in the C. elegans embryo*

3:00-5:30 p.m. - Explore Boulder

5:30-7:00 p.m. - Dinner With Students

**Session II (continued)**

7:30-8:30 p.m. - Kathryn Anderson, University of California, Berkeley, CA. *Dorsoventral patterning in Drosophila*

8:30-9:30 p.m. - Randall Moon, University of Washington School of Medicine, Seattle, WA. *Dorsoventral patterning in Xenopus and Zebrafish*

9:30- Party

Sunday, April 14, 1995

**Session III: Refinements on polarity--decisions in late development**

8:30-9:00 a.m. - Breakfast

9:00-10:00 a.m. - John Shiefelbein, University of Michigan, Ann Arbor, MI. *Polar growth and patterning in plant roots*

10:00-11:00 a.m. - Andrew Tomlinson, Columbia University, New York, NY. *Patterning in insect appendages*

11:00- 11:30 a.m. - Coffee Break

11:30-12:30 -Lee Niswander, Memorial Sloan-Kettering Cancer Center, New York, NY. *Mammalian limb development*

12:30 p.m.- Closing Remarks

12:45 p.m.- Lunch

All talks will be held in Ramaley C250